Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

SBR. 55/17-18 dt. 30/6/17

No. 1st & Final Bill 220/30/6/17 (For other Works) Date.....20.....

Division : BTP Sub Division : KODIGEHALLI

Bill Received No.....Date..... Cash Book Voucher No.....Dated.....

Scheduled Docket No..... Head of Account.....

Name of work : (as per Sanctioned Estimate) EMERGENCY WATER SUPPLY TO DRILLING OF BOREWELLS ERECTION OF PUMP MOTOR IN TATA NAGARA WARD NO.8 KODIGEHALLI SUB DIVISION

Name of Contractor and full address : M/s KRIDL P-1802

Reference to agreement No. EE/BTP/KRIDL/WO/567/2013-14 Date: 28.02.2014

to 354642

Certified that the measurement were taken by me on 26/4/17 and recorded on Page No. 354633 of measurement Book No. 3547/17-18 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were checked by me on 30/5/17 and found correct The work is satisfactorily executed.

Certified that the quantities of material shown in column 3 of Account if have been actually brought to the of work and the contractor has not previously received any advance on this security. These Materials are of an imperishable nature and are all required by the contractor for immediate use on the working connection with items for which rates for finished work have been agreed upon. A formal agreement signed and executed by the contractor is recorded in the office.

JOB CODE NO : 008-14-000043

Assistant Executive Engineer Byataravanapura Sub-division KRIDL, BBMP, Bangalore

Assistant Executive Engineer Kodigehalli Sub Division. Yelahanka Zone, B.B.M.P., Bangalore.

If Memorandum of Payment		Sub-Division Office Amount
1.	Total value of work done or supplies made as per Account with in	Total Rs. 428146-00
2.	Deduct amount to be held in reserve being .....percent Rs.....	
3.	Balance	
4.	Deduct Payments	
	a) Amount of Previous Payment as in the Office cash BoxVr. No..... Dated ..... S.D.No.	
	b) Payments.....cost of store or otner materials supplied	S.T 8563-00
	Now Made Recovery of amount Creditable to his / other work	VAT 17126-00
	Amount paid on this bill by cheque / cash.	Cess 4282-00
5.	Balance being unpaid value of work done held in reserve	Total CGF 428-00
6.	Deduct cash advance made on the Office Cash Book Vr. No..... Dated..... less adjustment.	FSD 21407-00
		Fire 4350-00
7.	Net amount due to or from contractor	
	Unadjustment Items	Adj. 56156-00
8.	Advance to contractor for materials brought site (as detailed) within value of Government materials supplied	Total Amount adjusted 3-71.990-00

Contractor's Signature

Assistant Executive Engineer Byataravanapura Sub-division KRIDL, BBMP, Bangalore

Received Rs.....in words.....

.....

.....by cash and by adjustment at Payment as per memorandum.

(In final settlement of demand)

Witnesses :

1.

2.

Dated.....

Paid by me by cheque No.....Dated :.....

Cash Rs.....Dated :.....

Stamp

ಒಟ್ಟು ಮೊಬಲಗು ರೂ. 428146

ಗಳನ್ನು ಹಾಗು ಜಮಾವಣೆ : ಇದರಲ್ಲಿ ರೂ. 56156-00 (For use in the Office)

ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 371990

ರೂ. Three lakh seventy one thousand nine hundred ninety only

Signature of Contractor

30/6

Executive Engineer.

Initials of Officer making payment

Sl No	Description	U
1	Geophysical Investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand Pump, MWS or P.W.S.S. by vertical electrical sounding by adopting venner or Schlumberger's method, including reconnaissance survey of geological formation, Geophysical investigation of existing Ground water in the vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation incluing an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc.,	
2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over burden upto 20 M. fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes,.collars, cap etc.,)	
a	Upto 50.00m depth	Rr
b	Above 50.00 to 100.00m depth	Rr
c	Above 100.00 to 150.00m depth	Rr
d	Above 150m to 200m depth	Rr
e	Above 200m to 250 m depth	Rr
	Additional rate item no.9.1 is allowed for drilling in over burden and fixing casing pipes beyond 20m (for fixing casing pipes only) (a) above 20m upto 30m 15% (b) Above 30m - 30%	
a	20.00 to 30.00mtr	Rr
b	Above 30.00mtr	Rr
c	Above 30.00mtr	Rm
3	Supply of ISI Mark 175 mm nominal Bore, Plain end Steel casing Pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts. Both ends threaded confirming to IS 554/1985. one end fixed with socket confirming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI Marking, weighing 25.1 Okg/mtr. (Inclusive of all taxes and durties). Prices include Collar-medium duty.	Rm
4	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specificatiions.	
5	Providing 175mm dia MS Collar	No

Previous		Present Measurement			Total Up-to-date		Remarks
ty	Cost	Qty	Rate	Cost	Qty	Cost	
		1.00	1957.00	1,957.00	1.00	1,957.00	
				-	-	-	
		50.00	295.61	14,781.00	50.00	14,781.00	
		50.00	390.37	19,519.00	50.00	19,519.00	
		50.00	434.66	21,733.00	50.00	21,733.00	
		50.00	477.92	23,896.00	50.00	23,896.00	
		50.00	528.39	26,420.00	50.00	26,420.00	
				-	-	-	
		10.00	44.34	443.00	10.00	443.00	
		20.00	88.68	1,774.00	20.00	1,774.00	
		11.00	117.11	1,288.00	11.00	1,288.00	
		61.00	402.75 ~~1325.00~~	24568-4 ~~80,825.00~~	61.00	24568-4 ~~80,825.00~~	
		245.00	298.92	73,235.00	245.00	73,235.00	
		10.00	150.00	1,500.00	10.00	1,500.00	

Sl No	Description	U
6	Providing 175mm dia Bore Cap CE (M)	
7	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to tabid 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 110OVolts as per IS-694:1990 & confirming to GTP of GROUP-A 3Cx 4.0Sqmm	
8	Supply and deliveryat site brand new Texmo/lnnoval/Lubi/Sabar/Atalanta/Calamal / Waterman/ Radha make suitable vertical installation in 150mm dia. Borewells comprisingof single stage or multistage CF pump close coupledby means of stainless steel coupling to suitable speed totally enclosed and filled with pure drinking water (wet type) squirrel cage submercible induction mortar suitable for operation of 3ph, 50Hz, 380/44 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard non return valve etc., complete the pump and motor shall form an integral unit with all the required fittings 15HP 30stage	
9	Supplying and delivery at site brand new star/Essen/Lotus/Sun shine/ Adharsh/GK controls best indigenous make combined energy meter cum control panel board unit of size 1200x600x350mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for opration on 3ph, 50hz, 380/440 volts, AC supply with spring loaded latch, locking device with a key ribs should be provided inside the door canopy apron and louvrs ventilators shall be provided the combined energy meter cum control panel board units suitable for operation on 3ph, 50hz, 380/440 volts AC supply shall be consists etc., complete the panel board shall be consist etc., complete the panel board shall be fabricated on single unit in the above components panel board for suitable pumpset with star delta starter out door type 10hp to 15hp	
10	Supply and fixing 500x500x65mm polished wood board made of not less than 15mm thick infront plank one end provided for olding at other end fixing the same of the valve using through bolts and nuts	
11	Supply 1.1 KV Class UG cable from nearset BESCOM pole to panel board including earth work and road restoratio 4 core 16sqmm	
12	Labour charges for laying of 1.1 KV class UG cable when supplied by agencies in existing trench Gl pipe / stoneware pipe / on wall / on pole as required	
13	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. Etc., complete	
14	Supplying and fixing 50mm non-return valve of vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	
15	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required	
16	Cutting of road surface for pipe line trenches and disposing of the excavated stuff as directed invluding barricding, danger lighting etc., in the cement concrete road	

Previous		Present Measurement			Total Up-to-date		Remarks
ty	Cost	Qty	Rate	Cost	Qty	Cost	
		1.00	100.00	100.00	1.00	100.00	
		490.00	151.00	73,990.00	490.00	73,990.00	
		1.00	52000.00	52,000.00	1.00	52,000.00	
		2.00	10000.00	20,000.00	2.00	20,000.00	
		2.00	275.00	550.00	2.00	550.00	
		24.00	150.00	3,600.00	24.00	3,600.00	
		24.00	5.00	120.00	24.00	120.00	
		4.00	219.00	876.00	4.00	876.00	
		4.00	1530.00	6,120.00	4.00	6,120.00	
		1.00	1075.00	1,075.00	1.00	1,075.00	
		1.80	497.14	895.00	1.80	895.00	

Sl No	Description	
17	Earthwork excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches , stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifacations	
18	Providing and installing at site of work P.V.C pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, lavel and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not less than 15 cms with gravel or selected earth available from the excavation etc., complete	
19	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m. including cost of all labour complete as per specifications	
20	Disposing of earth around to the final place of disposal with all lead and lift and as per directed by the engineer in charge of the work. Lead upto 15.00 KM	
	TOTAL	
	KRIDL CHARGES 8%+1% LABOUR CESS	
	GRAND TOTAL	

Certificate

1 This is to certify that the Contractor has cleared the debries from the work spot.
2 The Contractor has used his own vehicle for conveying the debries.
3 There are no departmental issues for the above work.

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Previous		Present Measurement			Total Up-to-date		Remarks
ty	Cost	Qty	Rate	Cost	Qty	Cost	
		3.60	198.22	714.00	3.60	714.00	
		40.00	117.00	4,680.00	40.00	4,680.00	
		3.60	53.00	191.00	3.60	191.00	
		1.80	106.85	192.00	1.80	192.00	
		1.00	9500.00	9,500.00	1.00	9,500.00	
				4,41,974.00		**4,41,974.00**	3,85,717-00
				48,617.14		**48,617.14**	42429-00
				4,90,591.14		**4,90,591.14**	4,28,146-00

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Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.